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54 Enclosure for electrical sensor.

57 An enclosure (10) for a transducer (15) includes a cylindrical housing (14) and an end cap (24) covering one end (20) of the housing. A coupling ring (26) engages an annular projection on the one end (20) of the housing (14) and a threaded portion of the end cap (24) to hold the two elements (14, 24) in an abutting relationship. The housing (14) has a threaded aperture (18) therethrough. One of the series of different types of plumbing fittings (21, 22, 23), each having a common threaded projection, has the

threaded projection received in the aperture (18) of the housing (14). The end cap (24) has a threaded aperture (30) therethrough with one of a series of different types of electrical couplings (31, 32) received therein. Each of the couplings (31, 32) of the series has a common threaded projection which is adapted to mate with the end cap aperture (30). A set of stops is provided to prevent the end cap (24) and the housing (14) from rotating more than 360 degrees with respect to each other.

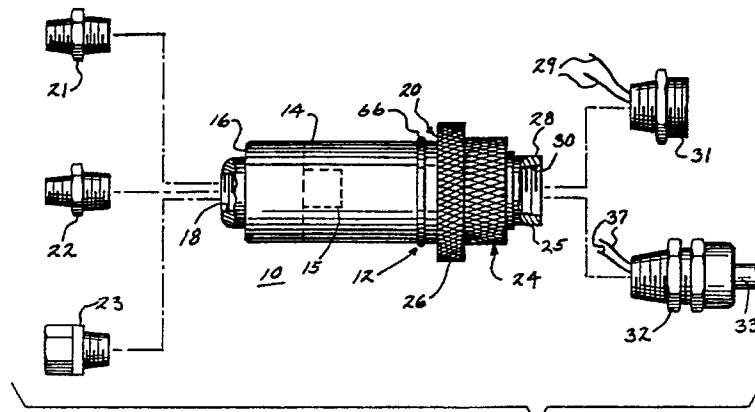


FIG. 1

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**EUROPEAN SEARCH
REPORT**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	US-A-4 454 370 (VOZNICK) * the whole document * - - -	1-7	G 01 D 11/24 G 01 L 19/14
Y	DE-A-2 729 181 (BENDIX) * page 8, paragraph 2 - page 9, paragraph 1; figures * - - -	1-14	
Y	EP-A-0 138 397 (AMERICAN HOSPITAL SUPPLY) * abstract; figures 2,5 * - - -	1-7	
Y	US-A-3 981 194 (BLISE ET AL) * the whole document * - - -	8-11	
Y	US-A-4 513 623 (KURZ ET AL) * abstract; figures * - - - - -	12-14	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 01 D G 01 L H 01 R
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		01 August 91	LLOYD P.A.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			